

11/09/01
JC978 U.S. PRO
10/039333

01-08-02

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Docket No.: 5545 (2616-012)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

Re: Inventors: Gene H. LEE, Nam-Hun KIM
Title: *Method for Etching Tungsten Using NF₃ and Cl₂*

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Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract, totaling 20 pages.
- ☒ Drawings totaling 4 pages, ___ Formal ☒ Informal.
- ☒ Executed Declaration and Power of Attorney.
- ☒ Assignment of the invention to **Applied Materials, Inc.**
- ☒ Assignment Recordation Cover Sheet
- ☒ Information Disclosure Statement (37 C.F.R. § 1.98)

01/14/2002 GSEPREG1 00000002 501074- 10039333
Sale Ref: 00000014-BAN- 501074- 10039333
01 FC:101 740.00 CH
02 FC:103 10.00 CH

FEE CALCULATION

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	21	-20=	1	X\$18.00	\$ 18.00
Independent Claims	3	-3=	0	X\$84.00	\$ 0.00
Basic Filing Fee				\$740.00	\$740.00
TOTAL FEES					\$758.00

- ☒ The Commissioner is hereby authorized to charge \$758.00 to Deposit Account No. 50-1074.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.

☒ Please address all future correspondence to:
**PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O. BOX 450A
Santa Clara, CA. 95052**

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Express Mail Receipt No. EL661803784US

Date of Deposit 11-9-01

Signature *[Signature]*

Respectfully submitted,
[Signature]
Robert W. Murphy
Registration No. 25,436